

POWER GRID COMPANY OF BANGLADESH LTD.
NATIONAL LOAD DESPATCH CENTER
DAILY REPORT

QF-LDC-08
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Till now the maximum generation is :-				5243.5 MW	at	22:00	Hrs	Reporting Date : 20-Oct-11 on 29-Aug-11	
The Summary of Yesterday's (19-Oct-11) Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	4421.0	MW	Hour :	10:00	Min. Gen. at	7:00	4090	MW	
Evening Peak Generation :	4805.5	MW	Hour :	19:00	Max Generation :		4700	MW	
E.P. Demand (at gen end) :	5400.0	MW	Hour :	19:00	Max Demand :		5450	MW	
Maximum Generation :	4805.5	MW	Hour :	19:00	Shortage :		750	MW	
Total Gen. (MKWH) :	105.90	System L/ Factor :		85.41%	Load Shed :		674	MW	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR									
Export from East grid to West grid :- Maximum				580	MW	at	6:00	Energy	8.993 MKWHR.
Import from West grid to East grid :- Maximum				-	MW	at	-	Energy	- MKWHR.
Water Level of Kaptai Lake at 6:00 A M on					20-Oct-11				
Actual :	106.54	Ft.(MSL) ,			Rule curve :	107.80	Ft.(MSL)		
Gas Consumed :	Total	719.45	MMCFD.		Oil Consumed (PDB) :				
							HSD :	Liter	
							FO :	Liter	
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk57,450,953						
		Coal :	Tk5,160,998		Oil :	Tk250,019,265	Total :	Tk312,631,216	

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from 10:00	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	183	17:25-01:30	1908	208	11%
Chittagong Area	80	17:25-01:35	524	86	16%
Khulna Area	66	17:25-01:30	589	96	16%
Rajshahi Area	41	17:25-01:25	531	87	16%
Comilla Area	51	17:25-01:20	390	64	16%
Mymensing Area	36	17:25-01:20	288	47	16%
Sylhet Area	33	17:25-01:15	275	22	8%
Barisal Area	13	17:25-01:30	93	15	16%
Rangpur Area	31	17:25-01:25	297	49	16%
Total	534	19:00	4895	674	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	2) Ashuganj-1(09/11/10)
3) Kaptai #3 (1/12/10)	3) Raozan-2 (26/03/11)
4) Shahjibazar #8(2/10/11)	4) WMPL #2(1/8/11)
	5) Bhola RPP (18/7/11)
	6) Siddhirganj ST 210 MW (1/8/11)
	7) Sylhet-20(26/7/11)
	8) Barapukuria-1(2/9/11)
	9) Sikalbaha GT 150 MW (13/7/11)
	10) Sikalbaha ST 60MW (14/9/11)
	11) Shahjibazar #5 & 6(21/7/11)
	12) Khulna 60 MW (10/9/11)
	13) Ghorasal Max (1/10/11)
	14) Ghorasal #5(19/10/11)

Additional Information of Machines. lines. Interruption / Forced Load shed etc.

Description	Forced load shaded / Interrupted Areas
a) There was generation shortage in the evening peak hour yesterday.	So about 534 MW (19:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure HPL 360 MW, Siddhirganj 210 MW(PP), Raozan 180 MW and RPCL 210 MW were limited to 266 MW, 44 MW, 110 MW and 107 MW respectively.	
c) Mymensing 132/33 kV T1, T2 & T3 transformers was shut down at 08:51 & 09:03 due to D.C system problem and were switched on at 09:45, 11:05 & 09:55 respectively.	
d) Ghorasal #5 tripped at 21:27 due to furnace tube leakage.	
e) Sylhet RPP(50 MW) & Fenchuganj RPP(50 MW) tripped at 13:10 showing signal busbar alarm & diff. protection relay and were synchronized at 13:40 & 13:30 respectively.	
f) Natore 132/33 kV T1 transformer tripped at 10:35 showing E/F relay and was switched on at 10:50.	
g) Ashuganj-Comilla(N) 230 kV ckt-1 tripped at 12:15 showing primary dist.protection & sec secondary diff. protection and was switched on at 16:01.	
h) Sylhet-Chatak 132 kV ckt-1 tripped at 13:10 showing dist. C-phase & O/C relay and was switched on at 13:26.	
i) Halishahar 132/33 kV T1, T2 & T3 transformers tripped at 20:02 due to post insulator burst at 33 kV end and was switched on at 20:25.	
	Power interruption occurred (about 45 MW) under Halishahar S/S areas from 20:02 to 20:25.
	Due to generation shortage, about 65 MW (09:00) of load shed has been running since morning (20/10/11) over the whole area (except Sylhet) of the national grid.

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle